

FIG. 1

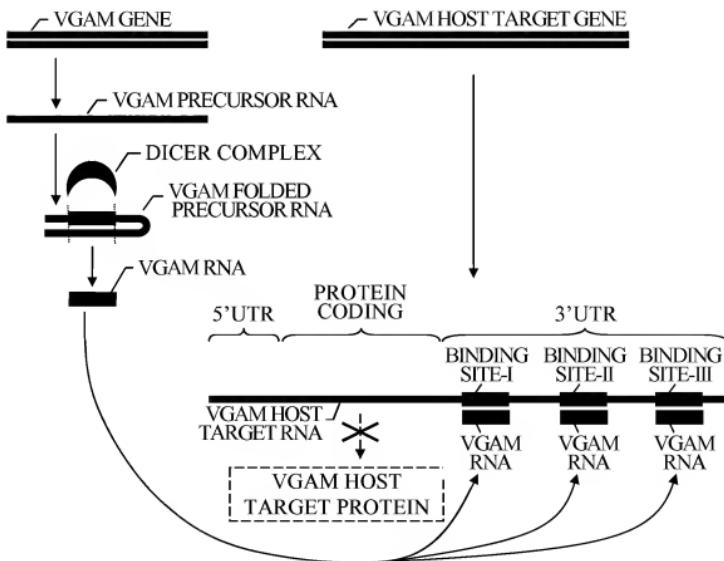


FIG. 2

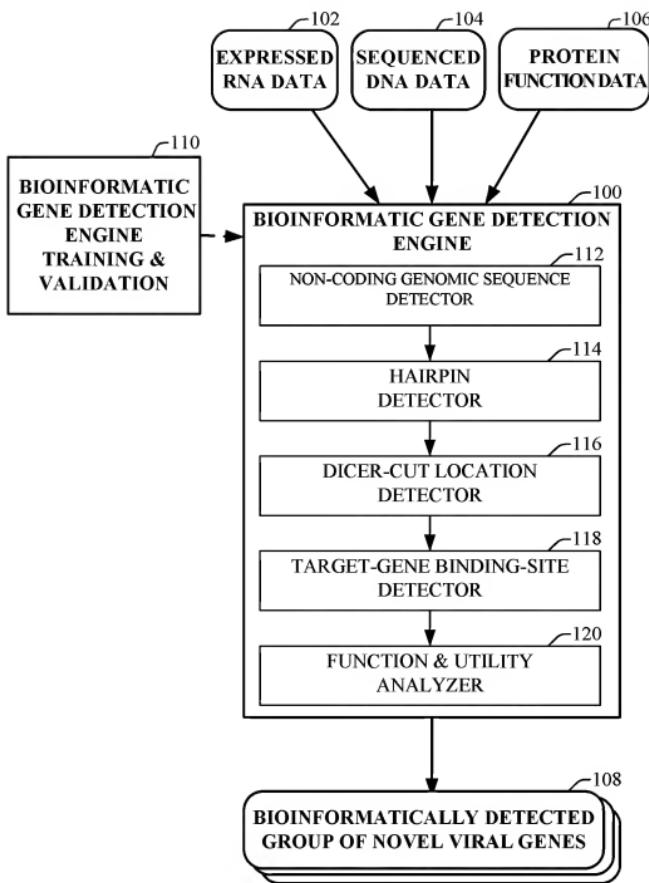


FIG. 3

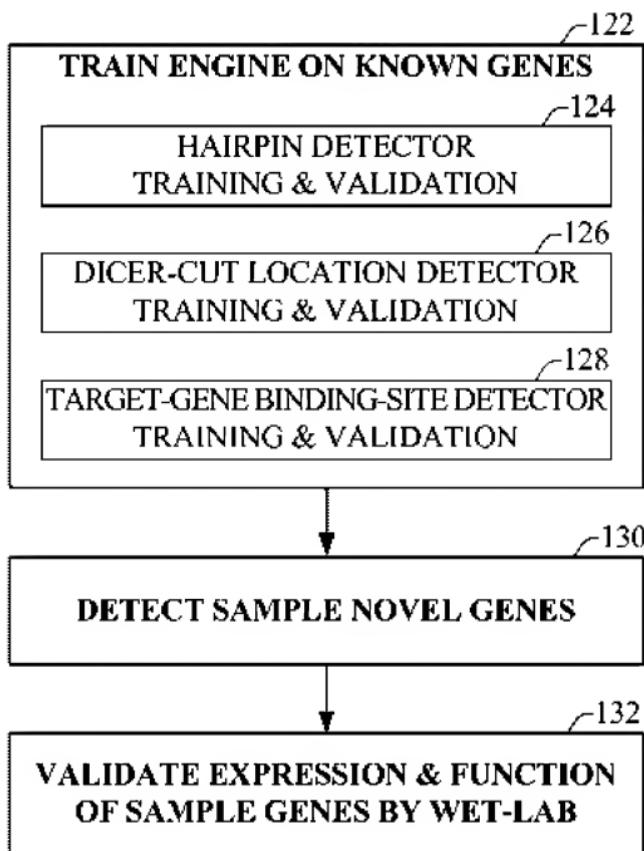


FIG. 4A

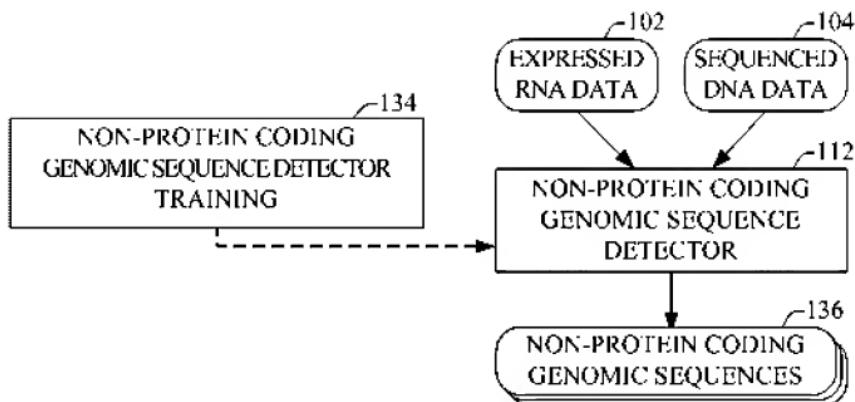


FIG. 4B

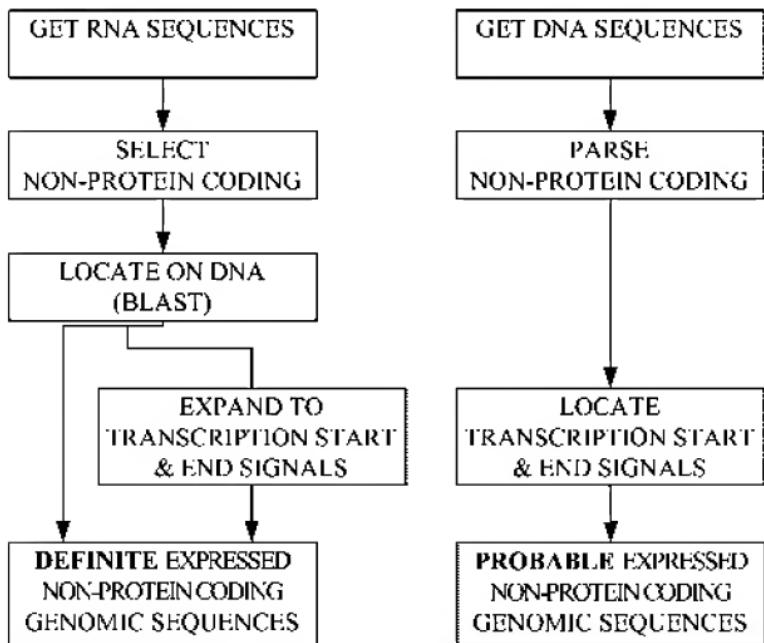


FIG. 5A

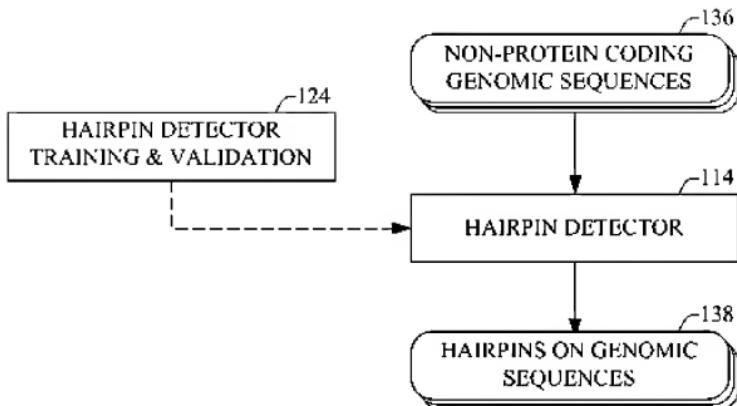


FIG. 5B

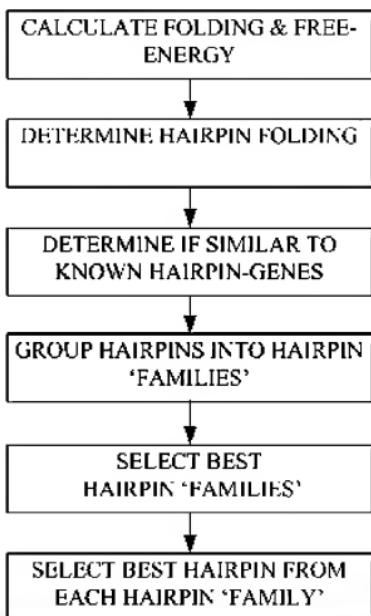


FIG. 6A

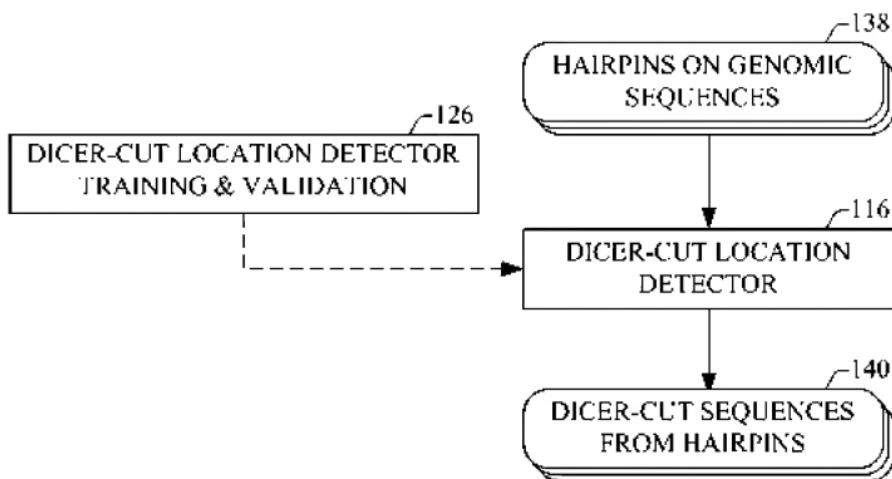


FIG. 6B

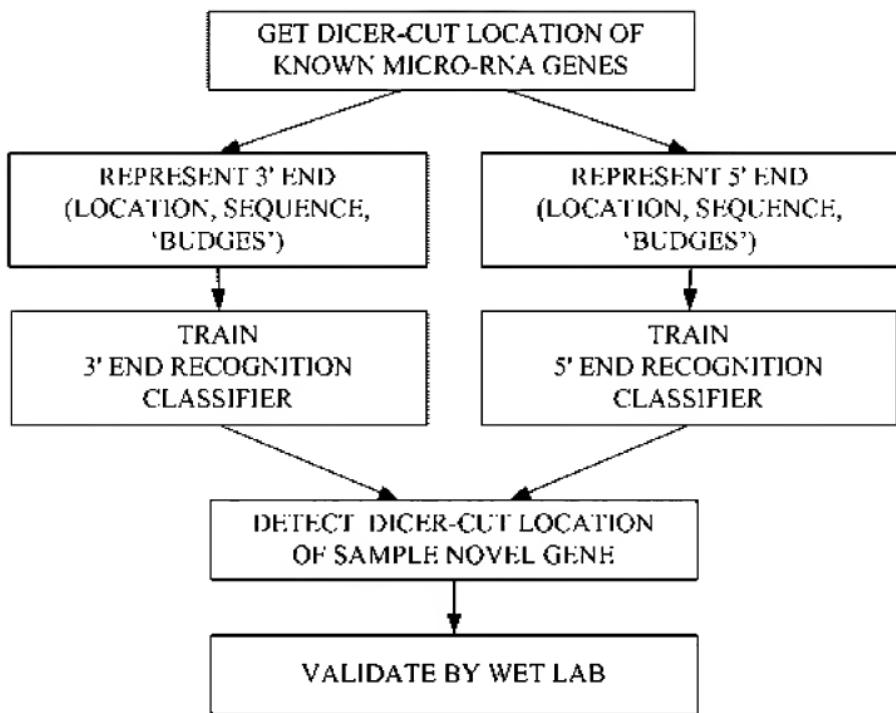


FIG. 6C

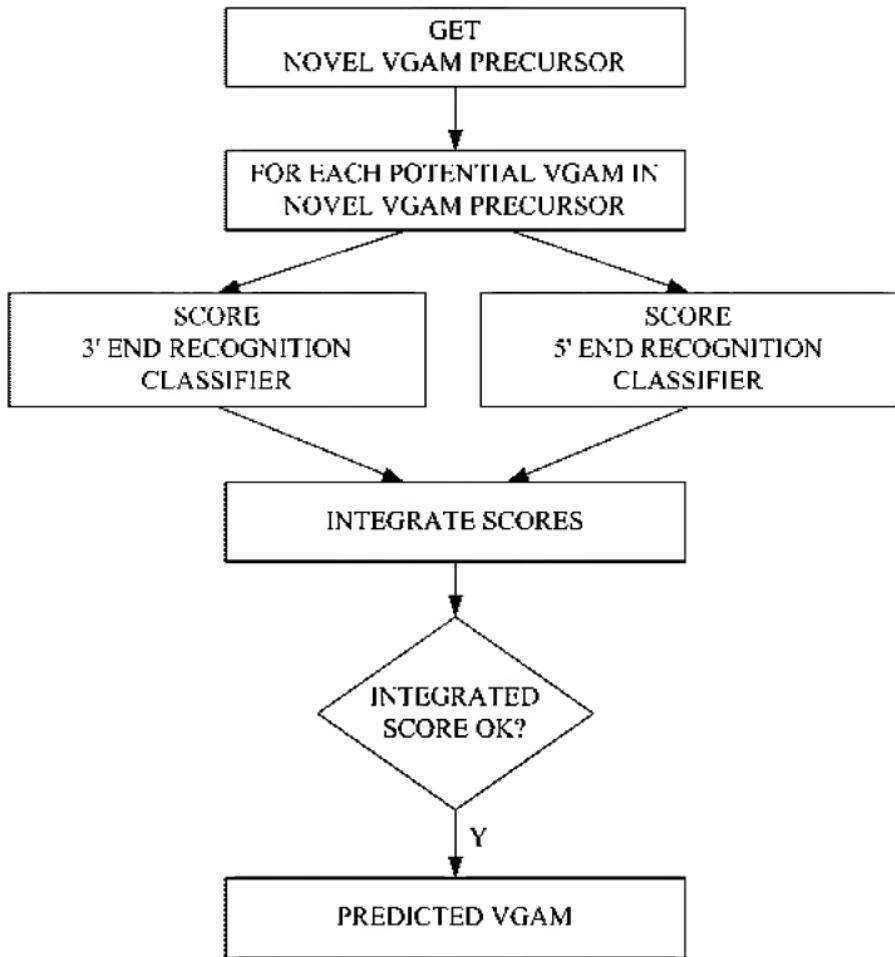


FIG. 7A

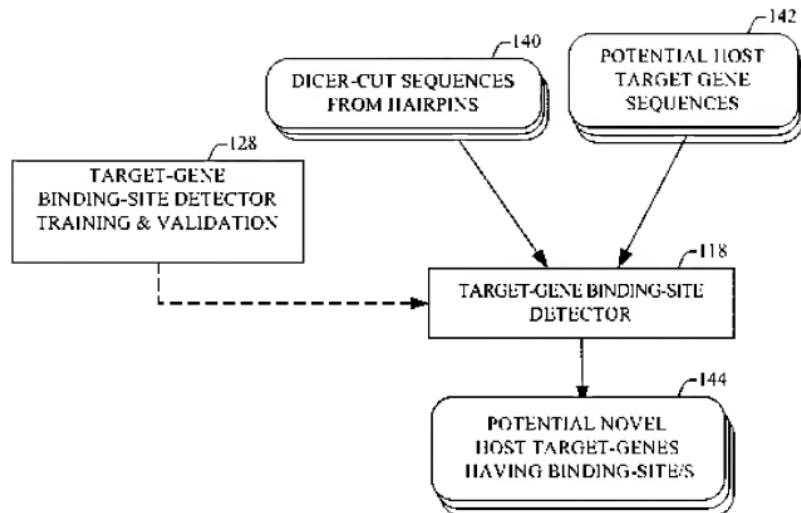


FIG. 7B

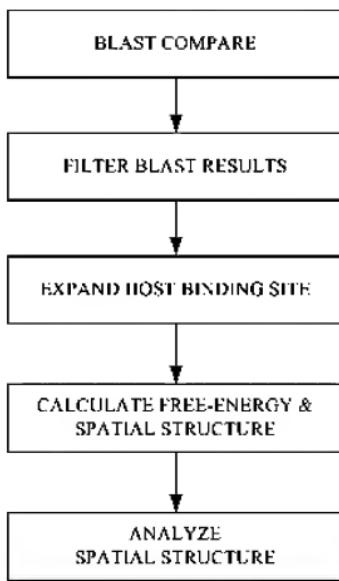


FIG. 8

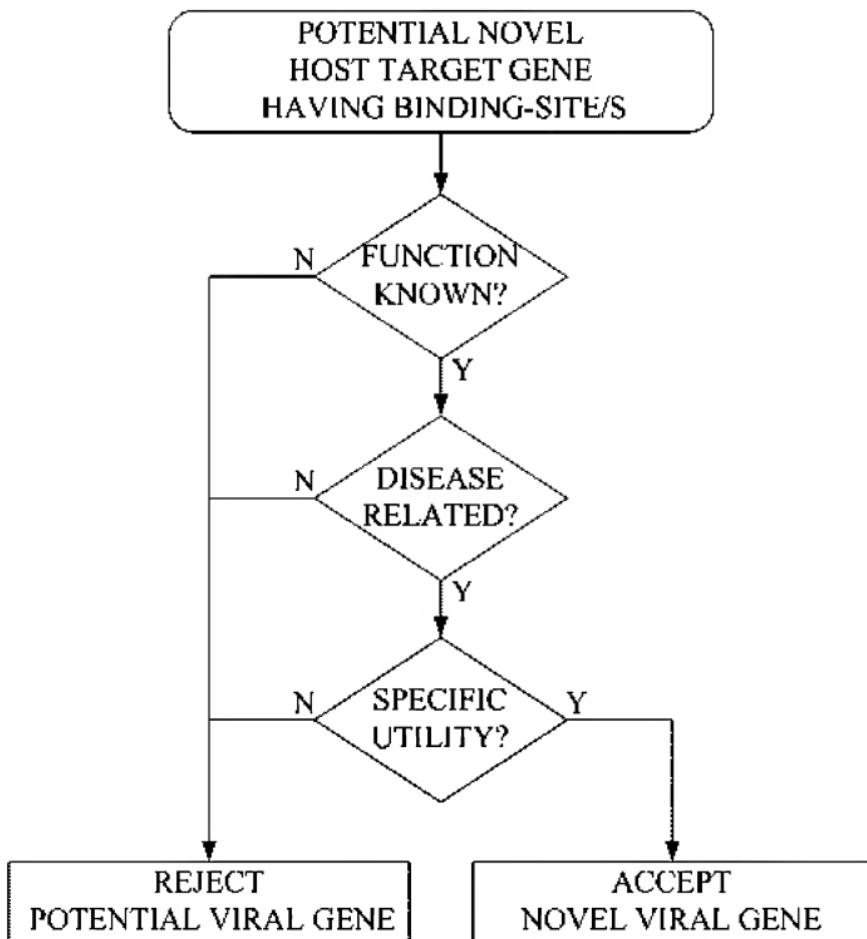


FIG. 9

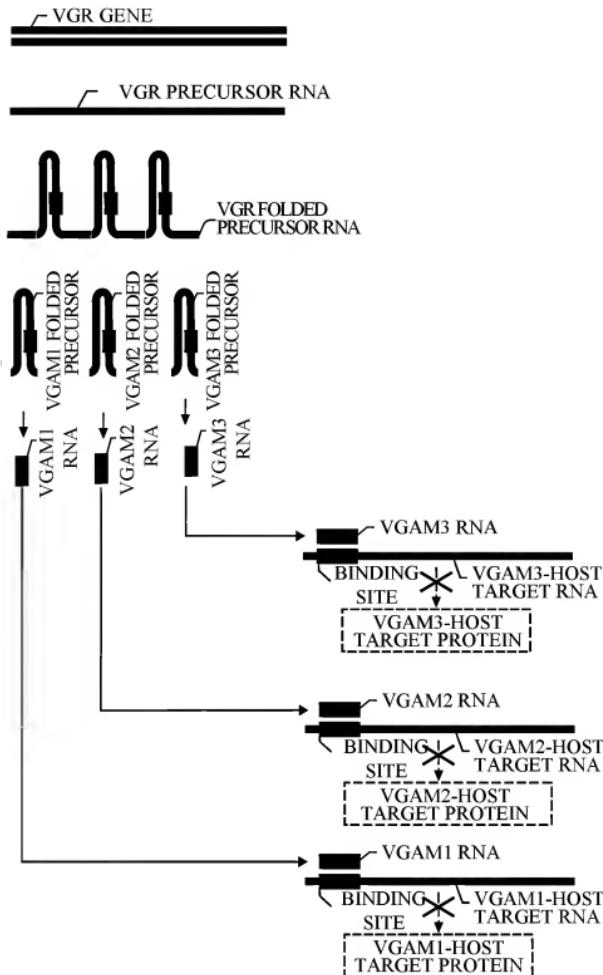


FIG. 10

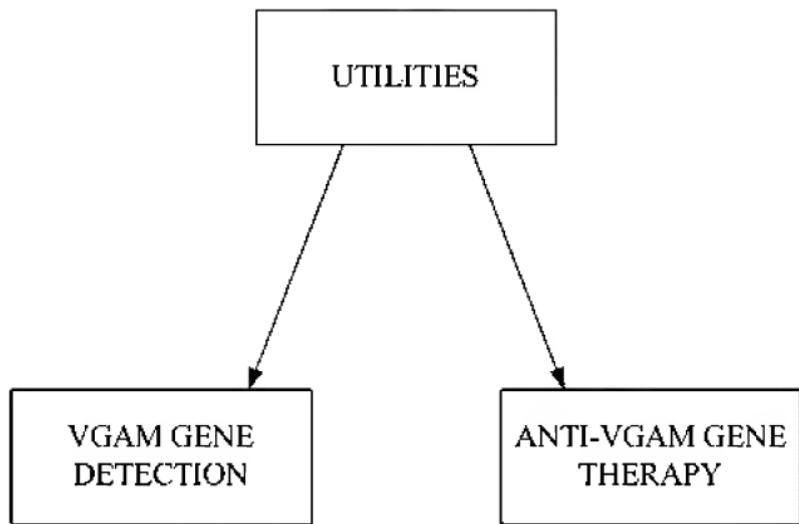


FIG. 11A

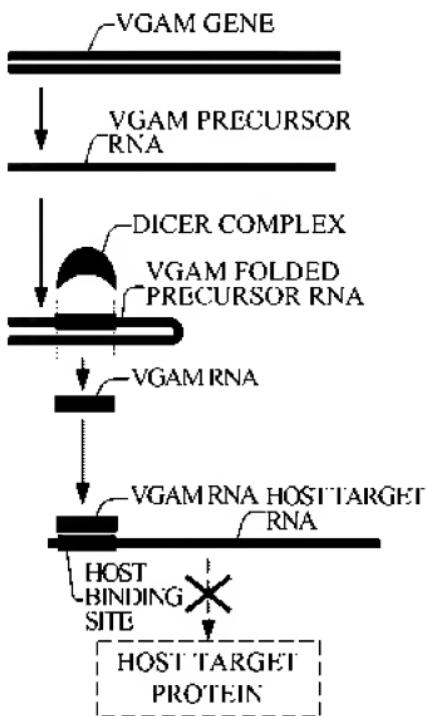
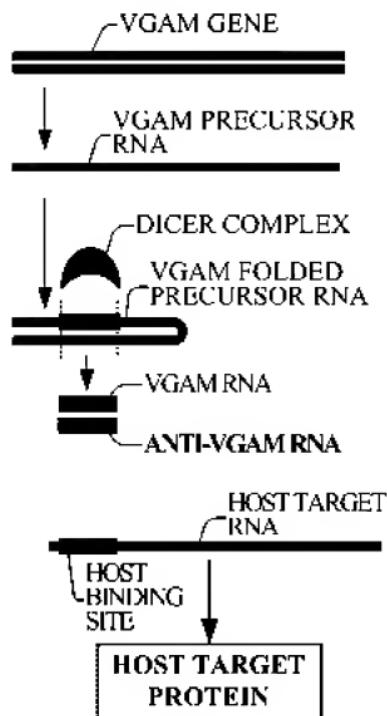


FIG. 11B



EST72223 sequence:

MIC-124

MIPSR

GAM24

FIG. 12B

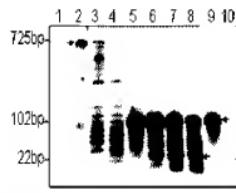
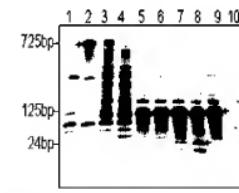


FIG. 12C



VIPER

GAMMA

FIG. 12D

Time (h)

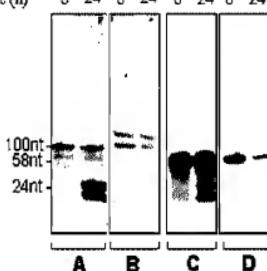
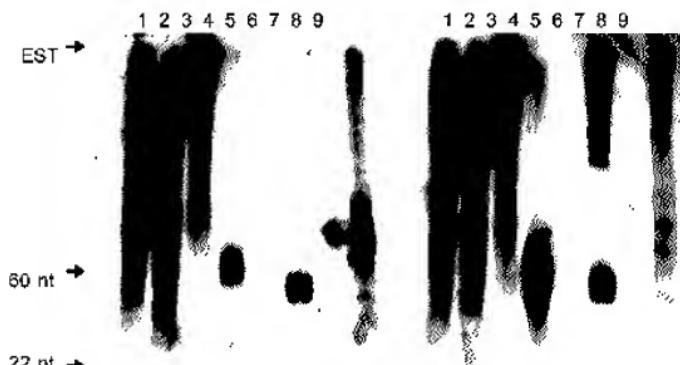


FIG. 13A

dbEST Id. 7929020 (Image4514344) sequence:
 GCAAAACTGGAGCATTCCTTGAACATGSSCACAGACAGGGATGCCCTCT
 CTCACCCCTCTTATTCACATACTCTTCCAACTCTTCCACGGGATGCCCTCT
 GGAGAAGGAAATAAAGGTTATTCAATTAGGAAAGASCAAGTCAAATTGTTCT
 GTTTGCAGATGACATGATTATATCTAGAAACCCATTCTCACGGGAAAG
 TCTCTTAACCTGATAACCAACTTCACCCAACTTCAGGATAACAAATAATCT
 ACACAAATCACAAGSCATTCTACACCAACACAGAAAAAACAGAGCCAAATCA
 TGAGTAACTCCCATTCACATTCCTTCAAGGAACTACAAACCAACTGCCCA
 AACTTACAAGGGATGTAAGGACCTCTCAAGGAAACTACAAACCAACTGCCCA
 AGGAAATAAAGGAGTACAAACAAATGGAAGACATTCCATGCTCATGGTAG
 GAGAGATCAATATGSMATGTTGAACTTCCAAAGSTATTACAGATTCA
 ATGCCATCCCCATCAACCTACCAATGACTTTCTTCACAGAAATTGAAAAAAACTA
 CTTTAAAGTTCATATGGAACCCCCAACAGGCCCCATGCCAAGTCAACTCTAA
GCCAAAGAACAAACGCTGGAGGCATCACACTACCTGACTTCACATTACTACA **GAM23**
AGGGTACACTAACAAAAACACCATGTTACTGCTACCAAAACACAGATATAGATC
AATGGAACAGAACAGSACCTCGAGAAATAACGCCAATACCTACAACTATCTGA
TCTTTSRCAAAACCTGAGAAACACASCAATGGGSMAGGATTCCCTATTAAATA
AATGGTCTGGAAAACCTGACTACCCATATCTACAAACCTGAAACTCGCATCCCT
TCCTTACACCTTATACAAAAATCAATTCAAGATGGATTAAAGATTTAACGTTA
GACCTAAACCATAAAACCCCTAGAGAGAACCTAGGCAATTACCATTCAGGAA
TAGGCATGGCAACGCACTTCATCTCCAAAACACCAAAACCAATGGCAACAAAAAC
ACAAATTGACAAATGGGATCTAAATTAAACTAASASGCTCTGCACASCAAAG
AACTACCATTCAAGTGTAAACAGGCAACCTACAAATGGGAGAAATTTCGCAA****
CCTACTCATCTGACAAACGGCTTAATATCCAGAACTCTACAACTCAAAACAA**** **GAM2**
TTTACAAAAAA **5**

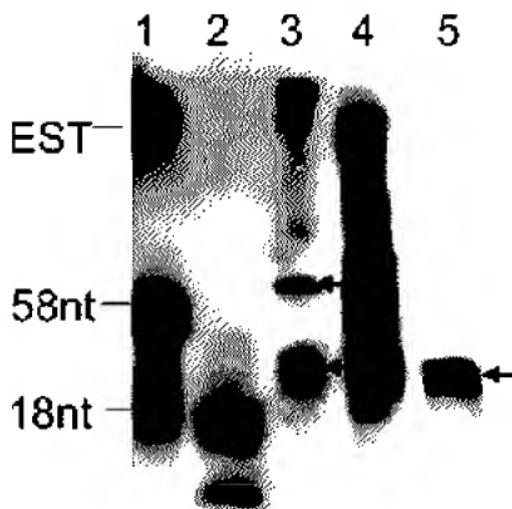
FIG. 13B



GAM25

GAM23

FIG. 13C



GAM25

FIG. 14A

dbEST Id. 1388749 (Image1020185) Sequence:

ACTCCTATCACAGTGTAAAAAGCATTCCTGTTCTCCATATCTTGCAGCATCTT
 TTCATTTTTCAATTATAGCCATTCTGACTCTTCTCACATGCTCTCATCTCG
 TTTTGATTGCACTTCAGATGATCACTGATGTTGAAGTTTTGTTGGC
 TGCATGATGCTCTTGTGAAAGTGTCTGTTGTGCTCTTGACCACTTCTAA
 TGGCCTCTGACTTTTCTCTAAATTCTTAAACTCTCTGAGATCTCCGAT
 ATTAGACCTTGTAGATGGATAGAGTGCACAAAAATTCTCCATTCTGTAAGTTG
 TCGGTTTACTCTGTGATAGTTCTTAATGCTGTGCAAGAGCTCTTAGTTAATT
 AGATCCCATTCTCAATTTCGCTTCTGCAATTGCTTGGCATCTCTGCTCAT
 GAAATCTTGCCTTGCCTGTCATGGCATTGGCTAGGTTTCTTCAGGA
 TTTTATAGTTGGGTGATGATTTAAGTCTTAACTCTGAGTTAACCTT
 CTATATGGCTTAAGCAACGGGGGGCTTCAATTGCTGCAAAATGGCTACCCACTTC
 TCCCAGCACCAATTATAAATAGGGAAATCTTCCCATTGCTCCTTGTCAAGG
 TTTGTCAGAGATCACATGGTTGATGGTGTGTTGCTTATTTCTGGTTCTCTATT
 TCTTCCATTGGGCTATGGGGGGCTCTCACCACCACTGCTGTTTGGTACCA
 TAGTCTTGTAGAATGTTGAAAGCTGGGATGATGCTGAGCTTGTCTTCT
 TGCTAAGAAATGCTTGGCTATTGGGCTCTTTGGTCCATATGAATTAAA
 ATAGCTTTCTAGCTCTAAAGAAATCTGAAATACTACTTTAATGGGCTACCAATT
 TAAATTACAGAATTGCCCTGGGCACTGTGGTCATTTCACGATATTGATCCTTCCTG
 TCTGTGAGCATATGTTTCCATTGGTGTGTCATCTGATTTCCTTGAATAAT
 GGTTTATAGTTATCTTGGCAATTGTGAATGGGAGTTAAATTCACTGAGTTTCT
 ATATTATACTCTTCTTGGCAATTGTGAATGGGAGTTAAATTCACTGAGTTTCT
 CGGCTTGCCTGTTGGTGTATAGGAATGCTAGTGACTTTGCAATTGATTTC
 TATGCTGAGACTTCTGAAACTTGCTTATCAGCTAAGCACTTTGAGCTGAGATC
 ATGGAGTTTCTAGATATAGGATCATATCTGCAAAACAAAGATAGTTGACTTC
 CTGTCCTCTATTGAATAGCTTTCTTCTTCTGCTGATTGCTTGGTGA
 CAATTCTAAACTCTGAAATAGGACTGCTGAGCTGCTGGCAA

GAM

26

FIG. 14B

1 2 3 4 5 6 7



GAM26